Overview

- Soy Caleb
- What is the KEP process?
- Where are we today?
- Where do I hope we go?
- Ways to get involved
- Acknowledgements

Soy Caleb, buenas

- A SIG Release chair and cofounder
- A SIG PM chair and cofounder
- A KEP process author
- A Release Engineering subproject owner
- Staff Software Engineer @ Pivotal
- An Engineering Lead, PKS Essentials
- Does not have Twitter, calebamiles in some places
- Generally unprepared for life

What is the KEP process?

- "Kubernetes Enhancement Proposal"

- Modeled on the Rust RFC and Python PEP processes

- Beyond that, it depends on who you ask

  - Design Proposal?

  - Launch Checklist?

  - Administrivia?

What is the KEP process?

- I would like to sell you a bridge….

  - KEP as a precept

  - KEP as a solution to the Ship of Theseus

  - KEP as a salve for Why Wasn't I Consulted?

What is the KEP process?

precept

noun

1. a general rule intended to regulate behaviour or thought.

Google Dictionary

What is the KEP process?

"Heilmeier Catechism"

1. What are you trying to do? Articulate your objectives using absolutely no jargon.
2. How is it done today, and what are the limits of current practice?
3. What is new in your approach and why do you think it will be successful?
4. Who cares? If you are successful, what difference will it make?
5. What are the risks?
6. How much will it cost?
7. How long will it take?
8. What are the mid-term and final "exams" to check for success?

DARPA: https://www.darpa.mil/work-with-us/heilmeier-catechism

What is the KEP process?

Ship of Theseus

- Thought experiment
- Is an object that has had all of its components replaced remains fundamentally the same object?

Wikipedia

What is the KEP process?

Why Wasn't I Consulted?

WWIC is the thing people talk about when they talk about nicer-sounding things like "the wisdom of crowds" or "cognitive surplus."

Paul Ford: https://www.ftrain.com/wwic

Where are we today?

- People writing KEPs 😂
- Extracted from kubernetes/community 😁
- A single flat file 😒
- Long template 😣
- Basically no tooling 😭
- kepctl *prototype* "under development" 🤔

Where I Hope We Go

- kepctl CLI
    - enforcing incremental process
    - enforcing consistency and invariants
    - generating and modifying metadata
    - automating integration with API Review Process
    - automating integration with Enhancement Tracking

Ways to get involved

- Engage with the process
  - The motivation is critical, ask Russ Cox
  - Clear out unused template sections
- Learn how to render directories of content using Hugo
- Try out the tool ([under major renovation...aka broken](#))

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Gracias!
Preguntas?

KubeCon | CloudNativeCon

Europe 2019